

COPY #8

Patent



Attorney Docket No.: 42390P4487X

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Patent Application of:

Deborah L. See, et al.

Application No.: 09/675,578

Filed: September 29, 2000

For: INCREASED RELIABILITY OF DATA
STORED ON FLASH MEMORY IN
APPLICATIONS SENSITIVE TO
POWER-LOSS

Examiner: Ellis Kevin L.

Art Unit: 2188

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

on June 27, 2003

Date of Deposit

Deborah A. McGovern

Name of Person Mailing Correspondence

DMcGovern 6/27/03

Signature

Date

RECEIVED

JAN 29 2004

Technology Center 2100

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

37 C.F.R. §1.97(b).

37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

A statement pursuant to 37 C.F.R. §1.97(e) or

A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

(1) A statement pursuant to 37 C.F.R. §1.97(e); and

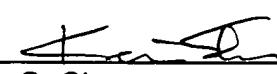
(2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 6/27, 2003



Kevin G. Shao
Reg. No. 45,095

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Substitute for Form 1448A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P4487X	Application Number: 09/675,576
Page 1 of 4 		First Named Inventor: Deborah L. See	RECEIVED JAN 29 2004
		Filing Date: September 29, 2000	Technology Center 2100

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		4,965,828		Ergott, Jr. et al.	10/23/1990	
		5,021,996		Watanabe	6/4/1991	
		5,255,314		Applegate et al.	10/19/1993	
		5,287,469		Tsuboi	2/15/1994	
		5,351,216		Salt et al.	9/27/1994	
		5,355,464		Fandrich et al.	10/11/1994	
		5,369,754		Fandrich et al.	11/29/1994	
		5,377,145		Kynett et al.	12/27/1994	
		5,406,529		Asano	4/11/1995	
		5,414,829		Fandrich et al.	5/9/1995	
		5,418,752		Harari et al.	5/23/1995	
		5,420,999		Mundy	5/30/1995	
		5,422,843		Yamada	6/6/1995	

FOREIGN PATENT DOCUMENTS

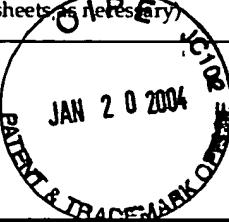
Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		PCT	US99/08701		International Search Report	9/13/1999		
		PCT	US99/08701		Written Opinion	1/18/2000		
		PCT	WO 97/08619		Renschler	3/6/1997		N
		PCT	US00/06241		International Search Report	6/5/2000		

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P4487X	Application Number: 09/675,576
Page 2 of 4 		First Named Inventor: Deborah L. See	RECEIVED JAN 29 2004
		Filing Date: September 29, 2000	Technology Center 2100

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,424,992		Coffman et al.	6/13/1995	
		5,424,993		Lee et al.	6/13/1995	
		5,469,390		Sasaki et al.	11/21/1995	
		5,521,864		Kobayashi et al.	5/28/1996	
		5,568,644		Nelson et al.	10/22/1996	
		5,590,073		Arakawa et al.	12/31/1996	
		5,592,669		Robinson et al.	1/7/1997	
		5,682,497		Robinson	10/28/1997	
		5,687,121		Lee et al.	11/11/1997	
		5,737,742		Achiwa et al.	4/7/1998	
		5,742,787		Talreja	4/21/1998	
		5,805,929		Connolly et al.	9/8/1998	
		5,847,995		Kobayashi et al.	12/8/1998	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
		GB	2 251 324	A	Intel Corporation-Kurt Brian Robinson	7-1-1992		

Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

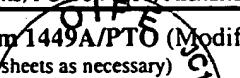
Examiner Signature		Date Considered	
-----------------------	--	-----------------	--

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent

and Trademark-Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<p>Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)</p> <p>Page 4 of 4</p> 	<p>Attorney Docket No.: 42390.P4487X</p>	<p>Application Number: 09/675,576</p>
		<p>First Named Inventor: Deborah L. See</p>
		<p>Filing Date: September 29, 2000</p>

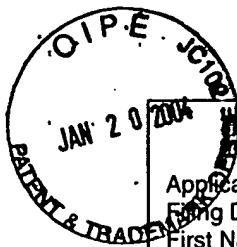
OTHER ART - NO PATENT LITERATURE DOCUMENTS

Date
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.



01-22-04

DAE 4

AMENDMENT TRANSMITTALPATENT

Application No.: 09/675,578
Filing Date: September 29, 2000
First Named Inventor See, et al.
Examiner's Name: Ellis, Kevin L.
Art Unit: 2188
Attorney Docket No.: 42390P4487X

RECEIVED

JAN 28 2004

OFFICE OF PETITIONS

An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.

Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.

Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.

Applicant(s) claim small entity status (37 CFR 1.27).

ATTACHMENTS

Preliminary Amendment
 Amendment/Response with respect to Office Action
 Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
 Notice of Appeal
 RCE (Request for Continued Examination)
 Supplemental Declaration
 Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record)
 Information Disclosure Statement (IDS)
 Copies of IDS citations
 Petition for Extension of Time
 Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
 Cross-Reference to Related Application(s)
 Certified Copy of Priority Document
 Other: Petition to Withdraw Holding of Abandonment Under 37CFR 1.181(a)
 Other: _____
 Check(s)
 Postcard (Return Receipt)

RECEIVED

JAN 29 2004

Technology Center 2100

SUBMITTED BY:

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TYPED OR PRINTED NAME: Edwin H. Taylor

SIGNATURE:

REG. NO.: 25,129DATE: 1/20/04ADDRESS: 12400 Wilshire Boulevard, Seventh FloorLos Angeles, California 90025TELEPHONE NO.: (408) 720-8300CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450
on 1/20/2004

Date of Deposit

Patricia M. Richard

Name of Person Mailing Correspondence

Signature

1/20/04

Date

Express Mail Label No. (if applicable): EV409365344US

(10/14/03)

Send to: COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, Virginia 22313-1450



FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 130.00

Complete if Known:

Application No. 09/675,578

Filing Date September 29, 2000

First Named Inventor See, et al.

Examiner Name Ellis, Kevin L.

Art Unit 2188

Attorney Docket No. 42390P4487X

RECEIVED

JAN 28 2004

OFFICE OF PETITIONS

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

RECEIVED

FEE CALCULATION

JAN 29 2004

1. BASIC FILING FEE

Technology Center 2100

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
		Utility application filing fee	
		Design application filing fee	
		Plant filing fee	
		Reissue filing fee	
		Provisional application filing fee	

SUBTOTAL (1) \$ 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	- 20** =		X =
Independent Claims	- 3** =		X =
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
Code	(\$)	Code	(\$)
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9
		Claims in excess of 20	
		Independent claims in excess of 3	
		Multiple dependent claim, if not paid	
		**Reissue independent claims over original patent	
		**Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) \$ 0.00

RECEIVED

FEE CALCULATION (continued)

JAN 29 2004

Technology Center 2100

3. ADDITIONAL FEES

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1813	8,800	1813	8,800
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1814	110	2814	55
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
1504	300	1504	300
1505	300	1505	300
1803	130	1803	130
1808	130	1808	130
1454	1,330	1454	1,330
For filing a submission after final rejection (see 37 CFR 1.129(a))			
Statutory Disclaimer			
For each additional invention to be examined (see 37 CFR 1.129(b))			
Request for Continued Examination (RCE)			
Request for expedited examination of a design application			
Publication fee for early, voluntary, or normal pub.			
Publication fee for republication			
Request for voluntary publication or republication			
Processing fee under 37 CFR 1.17(i) (except provisionals)			
Acceptance of unintentionally delayed claim for priority			

Other fee (specify) _____

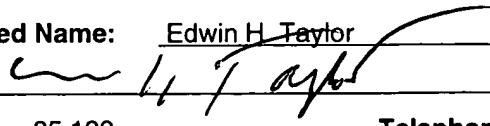
Other fee (specify) _____

SUBTOTAL (3) \$ 130.00

*Reduced by Basic Filing Fee Paid

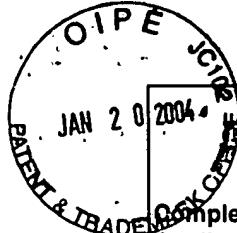
SUBMITTED BY:

Typed or Printed Name: Edwin H. Taylor

Signature:  Date: 1/20/04

Reg. Number: 25,129 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



RECEIVED

JAN 20
2004

FEET TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

TOTAL AMOUNT OF PAYMENT (\$) 130.00

JAN 29 2004

Technology Center 2100

Complete if Known:

Application No. 09/675,578

Filing Date September 29, 2000

First Named Inventor See, et al.

Examiner Name Ellis, Kevin L.

Art Unit 2188

Attorney Docket No. 42390P4487X

RECEIVED

JAN 28 2004

OFFICE OF PETITIONS

Applicant claims small entity status. See 37 CFR 1.27.

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: _____

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
		Utility application filing fee	_____
		Design application filing fee	_____
		Plant filing fee	_____
		Reissue filing fee	_____
		Provisional application filing fee	_____

SUBTOTAL (1) \$ 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims	<u>- 20** =</u>	X	=
Independent Claims	<u>- 3** =</u>	X	=
Multiple Dependent			=

**Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description
Fee	Fee	Fee
Code	(\$)	Code
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
		Claims in excess of 20
		Independent claims in excess of 3
		Multiple dependent claim, if not paid
		**Reissue independent claims over original patent
		**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$ 0.00

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee Code	Fee (\$)	Fee Code (\$)	
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1813	8,800	1813	8,800 Request for inter parties reexamination
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	2,010	2255	1,005 Extension for reply within fifth month
1401	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive – unavoidable
1453	1,330	2453	665 Petition to revive - unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	2809	385 For filing a submission after final rejection (see 37 CFR 1.129(a))
1814	110	2814	55 Statutory Disclaimer
1810	770	2810	385 For each additional invention to be examined (see 37 CFR 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
1504	300	1504	300 Publication fee for early, voluntary, or normal pub.
1505	300	1505	300 Publication fee for republication
1803	130	1803	130 Request for voluntary publication or republication
1808	130	1808	130 Processing fee under 37 CFR 1.17(i) (except provisionals)
1454	1,330	1454	1,330 Acceptance of unintentionally delayed claim for priority

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) \$ 130.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY:Typed or Printed Name: Edwin H. TaylorSignature: Edwin H. Taylor Date: 1/20/04Reg. Number: 25,129 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450